

## CITY OF MOUNTAIN VIEW

Building 1  
SFUND RECORDS CTR  
2807-91869

## Application for Industrial Wastes Discharge Permit

Date February 15, 1974No. 037-2-79

A. Name of Organization Raytheon Semiconductor  
 Address 350 Ellis Street, Mt. View, Calif. 94042  
 Address of Point of Discharge 490 E. Middlefield Rd., Mt. View, Ca. 94042  
 Individual Responsible Name Robert W. Thompson Telephone 968-9211 X418  
 for industrial waste Signature Robert W. Thompson  
 Attach Map Showing Point of Discharge, Sampling Points, and Waste Treatment Facility.

B. Flow Rate: Average 5200 gals/day Max. 8000 gals/day Peak Hourly 50 GPM  
 Est. Est.

## C. Submit separate statement:

1. Detailing type of industry and nature of products
2. Listing chemicals used and approximate concentrations
3. Describing waste treatment facilities
4. Giving characteristics of exceptional industrial wastes
5. Concerning radioactive wastes
6. Naming organic solvents discharged and concentration at point of discharge

SFUND RECORDS CTR  
88172040

## D. Indicate the point of discharge concentration of the following characteristics and mass emission rates where applicable.

Biochemical oxygen demand (B.O.D.)	-- mg/l	Grease and oil, total	-- mg/l
Chemical oxygen demand (C.O.D.)	-- mg/l	Hydrogen Ion content pH	<u>city water</u>
Total Solids, Average	-- mg/l	Fluoride	-- mg/l
Suspended Solids, Average	-- mg/l	Chlorine demand	-- mg/l
Temperature	<u>ambient</u> °F		

	Max. Conc. Allowable mg/l	Allowable Mass Emission Rate kg/day		Max. Conc. Allowable mg/l	Allowable Mass Emission Rate kg/day
Arsenic	--	--	Formaldehyde	--	--
Barium	--	--	Lead	--	--
Beryllium	--	--	Manganese	--	--
Boron	--	--	Mercury	--	--
Chlorine	--	--	Nickel	--	--
Cadmium	--	--	Chloroform	--	--
Chromium Hexavalent	--	--	Phenols	--	--
Chromium Total	--	--	Selenium	--	--
Cobalt	--	--	Silver	--	--
Copper	--	--	Zinc	--	--
Cresols	--	--			
Cyanides	--	--			

Concentrations are those associated with ordinary sanitary wastes.

## NOT TO BE COMPLETED BY APPLICANT

Permit to Discharge Industrial Wastes in Accordance with This Application Approved Subject to Attached General and Specific Conditions  
 Allen Shelley, Director of Public Works  
 Signature Allen Shelley Date April 13, 1976

Permit to Discharge Exceptional Industrial Waste Approved  
 List Details:

Allen Shelley, Director of Public Works

Signature \_\_\_\_\_ Date \_\_\_\_\_

DISTRIBUTION: Original to Industrial Waste File, Copy to Discharger, Copy to Water Quality Control Plant, Copy to Palo Alto, Copy to Sewer Division.

CITY OF MOUNTAIN VIEW

Industrial Waste Discharge Permit

DATE: April 13, 1976 NO. 037-2-79  
NAME OF ORGANIZATION: Raytheon Semiconductor  
ADDRESS: 350 Ellis Street

GENERAL CONDITIONS

1. This permit is issued under the ordinances and regulations of the City of Mountain View currently in effect, but all discharges hereunder shall comply with all ordinances and regulations of the City and all other applicable local, state, and federal regulations, whether now in effect or hereafter adopted or amended.
2. Any violation of the terms of this Permit or the ordinances or regulations of the City shall be grounds for revocation.
3. If any proposed revisions in plant operations are expected to cause significant changes in waste water quality or quantity (25 percent or more, or 25,000 gallons per day) from that given in approved Permit information, an application for an amended permit must be submitted for approval detailing the nature of the changes.
4. In accordance with Section 35.32.8 of the City Code, accidental discharges of industrial wastes shall be reported immediately to the Public Works Department, telephone number 967-7211, Ext. 270, during normal office hours, or to the Fire Department, telephone number 968-4415, on holidays or after normal office hours AND to the Palo Alto Regional Water Quality Control Plant, telephone number 329-2598 so that appropriate countermeasures may be taken.
5. This Permit is not transferable without prior written consent of the Director of Public Works. In general, a change of ownership will require a new permit.
6. The issuance of this permit does not constitute a warranty that the design capacity of the sewage collection and treatment system is sufficient to accommodate peak sewage flows from all dischargers who may now or hereafter be connected to the system. Pursuant to Sec. 35.32.1(d) the City reserves the right to impose restrictions on sewage discharges where necessary in the judgment of the City to assure the proper functioning in the sewerage system.

SPECIFIC CONDITIONS

1. This permit is for a period ending on February 15, 1977 but shall be automatically renewed for up to four (4) additional successive one-year periods unless the City shall give written notice of nonrenewal at least thirty (30) days prior to the annual renewal date.
2. This permit applies to industrial waste discharges at the following location(s) only:  
490 E. Middlefield Road  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Building 1**

**Raytheon Company  
Semiconductor Division - February 15, 1974**

**Sewer permit information for Sanitary Sewer Permit at 490 E.  
Middlefield Road, Mt. View, California 94042.**

- 1. The activity in this building would be called light electronics testing and shipping and consists of integrated circuit inventory, storage, testing, marking, packing and shipping along with some office type functions.**
- 2. Chemicals used and approximate concentrations:**
  - 2.1 Markem 320 Cleaner, NYFD6 & A No. 2692**
  - 2.2 MEK**
  - 2.3 Isopropyl Alcohol**
  - 2.4 Alpha Metals #100 Solder Flux (liquid non-activated rosin).**
  - 2.4 Chlorothene V.G.**
- 3. Waste Treatment Facilities**
  - 3.1 Sanitary wastes and cooling tower overflow go down the building sanitary drain into the city sewer under E. Middlefield Road.**
  - 3.2 The solvents listed above, when spent are collected in metal containers and disposed of along with like substances at Bldg. 3, 350 Ellis Street which is adjacent to this location.**
- 4. No exceptional industrial wastes at this location.**
- 5. No radio active wastes at this location.**
- 6. No organic solvents are to be discharged at this location - see 3.2 above.**